

Modular Railing, Fence, Gate, and Security Bars

ABSTRACT OF THE DISCLOSURE

The present invention includes modular fence, gate, railing, and security bar systems that can be easily prefabricated of a minimal number of parts, assembled at the installation site without the need for specialized skills or tools, and having a semi-customizable ornamental appearance that can be changed subsequent to the initial installation. A method of connecting the components by aligning holes formed in the rails with similar holes formed in pickets, balusters, and tabs; inserting a connecting bolt through the holes; and fastening nuts to the bolts is claimed. To add strength to the systems' connections, the pickets and/or balusters are formed to have flattened parts with a hole centered therein; the flattened part formed to fit between two rails. Another unique feature is the detachable head on the nut used to secure the connections. Once the head is detached, the connecting bolt and nut remaining have the appearance of a rivet.